

General Disclaimer

One or more of the Following Statements may affect this Document

- This document has been reproduced from the best copy furnished by the organizational source. It is being released in the interest of making available as much information as possible.
- This document may contain data, which exceeds the sheet parameters. It was furnished in this condition by the organizational source and is the best copy available.
- This document may contain tone-on-tone or color graphs, charts and/or pictures, which have been reproduced in black and white.
- This document is paginated as submitted by the original source.
- Portions of this document are not fully legible due to the historical nature of some of the material. However, it is the best reproduction available from the original submission.

E7.8-10.0.1.1

CR-119119

Progress Report, December 1974

A Lake and Sea Ice Experiment with Skylab Microwave Radiometry

Report No. 457-4

Order No. T-4112B

William J. Campbell
Principal Investigator
U.S. Geological Survey
113 Thompson Hall
University of Puget Sound
Tacoma, Washington 98416

"Made available under NASA sponsorship
in the interest of early and wide dis-
semination of Earth Resources Survey
Program information and without liability
for any use made thereof."

September 1975

Z.H. Byrns
Technical Monitor
PIMO, TF6
NASA Johnson Space Center
Houston, Texas 77058

(E76-10011) A LAKE AND SEA ICE EXPERIMENT
WITH SKYLAB MICROWAVE RADIOMETRY Progress
Report, Dec. 1974 (Geological Survey) 2 p
HC \$3.25 CSCL 08L

N76-10543

G3/43 Unclass 00011

Skylab Progress Report, December 1974

A Lake and Sea Ice Experiment with Skylab Microwave Radiometry

The following data was received this quarter:

EREP: S192 False-color IR imagery: rolls 859, 860, 861, 928, 867

Black/white IR imagery: rolls 972, 959, 910

Work continues on interpretation of data already received and comparison with surface-truth, aircraft, and other satellite and Skylab data. Data received this quarter is being prepared for use in the study.

A request has been made for additional, substitute, S190A & B photography over the test areas, as much of the photography gathered on test days was cloudy. A request has been made for ERAP PMIS data for flight 36, lines 4-6, over Lake Ontario, since this segment has not as yet been received. A request was also made to have the tapes from the S193 scatterometer/radiometer sent to the Remote Sensing Center, Texas A&M University, when they are available, as the Remote Sensing Center will reduce the data for this project.

A proposal has been sent to the Technical Support Procurement Branch, NASA-JSC, for extension of our EREP contract through 30 September 1975 and additional support for this period of \$11,000.00.